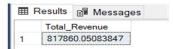
# PIZZA SALES SQL QUERIES

# A. KPI's

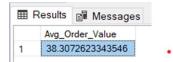
## 1. Total Revenue:

select sum(total\_price) as Total\_Revenue from pizza\_sales;



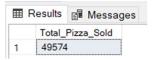
## **2.AVERAGE ORDER VALUE:**

select sum(total\_price) / count(DISTINCT order\_id) as Avg\_Order\_Value from
pizza sales;



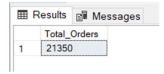
#### 3. TOTAL PIZZA SOLD:

select sum(quantity) as Total Pizza Sold from pizza sales;



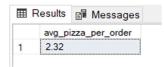
#### 4. TOTAL ORDERS:

select COUNT(DISTINCT order id) as Total Orders from pizza sales;



# 5. AVERAGE PIZZA PER ORDER: The average no pizza sold per order, calculated by deviding the total no pizzas sold by the total no of orders

select cast(cast(sum(quantity) as DECIMAL (10,2)) / cast(count(distinct order\_id) as DECIMAL (10,2)) as DECIMAL (10,2)) as avg pizza per order from pizza sales;



# **B.Requirement**

### 1.DAILY TRENDS FOR TOTAL ORDERS:

```
Select DATENAME(DW, order_date) as order_day, COUNT(DISTINCT order_id) as
Total_Orders
from pizza_sales
group by DATENAME(DW, order_date);
```



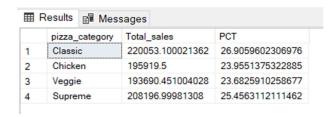
### 2.MONTHLY TRENDS FOR TOTAL ORDERS:

select datename(Month, order\_date) as Order\_Month, COUNT(distinct Order\_id) as Total\_orders from pizza\_sales group by DATENAME(MOnth, order\_date) order by COUNT(DISTINCT order id) desc;



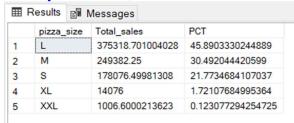
# 3.PERCENTAGE OF SALES BY PIZZA CATEGORY:

SELECT pizza\_category, sum(total\_price) as Total\_sales, sum(total\_price) \* 100/ (select sum(total\_price) from pizza\_sales) as PCT from pizza\_sales group by pizza\_category;



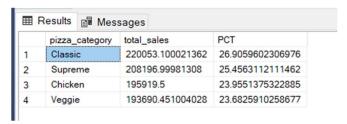
### **4.PERCENTAGE OF SALES BY PIZZA SIZE:**

SELECT pizza\_size, sum(total\_price) as Total\_sales, sum(total\_price) \* 100/ (select sum(total\_price) from pizza\_sales) as PCT from pizza\_sales group by pizza\_size order by PCT DESC;



### 5.TOTAL PIZZA SOLD BY PIZZA CATEGORY:

select pizza\_category, sum(total\_price) as total\_sales, sum(total\_price) \* 100/(select sum(total\_price) from pizza\_sales) as PCT from pizza\_sales group by pizza\_category order by PCT DESC;



#### **6.TOP 5 BEST PIZZA BY REVENUE:**

```
SELECT Top 5 pizza_name, sum(total_price) as Total_Revenue
from pizza_sales
group by pizza_name
order by Total_Revenue DESC;
```

▦	Results Messages	
	pizza_name	Total_Revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

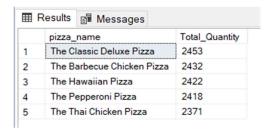
# 7.BOTTOM 5 BEST PIZZA BY REVENUE

select Top 5 pizza\_name, sum(total\_price) as Total\_Revenue from pizza\_sales group by pizza\_name order by Total Revenue ASC;



# **6.TOP 5 BEST PIZZA BY QUANTITY:**

SELECT TOP 5 pizza\_name, sum(quantity) as Total\_Quantity from pizza\_sales group by pizza\_name order by Total\_Quantity DESC



# **7.BOTTOM 5 BEST PIZZA BY QUANTITY:**

SELECT TOP 5 pizza\_name, sum(quantity) as Total\_Quantity from pizza\_sales group by pizza\_name order by Total\_Quantity ASC;



# 8. TOP 5 BEST PIZZA BY TOTAL ORDERS:

```
Select top 5 pizza_name, count(DISTINCT order_id) as Total_Count
from pizza_sales
group by pizza_name
order by Total_Count DESC;
```



# 10.BOTTOM 5 BEST PIZZA BY TOTAL ORDERS:

```
Select top 5 pizza_name, count(DISTINCT order_id) as Total_Count
from pizza_sales
group by pizza_name
order by Total Count ASC;
```

